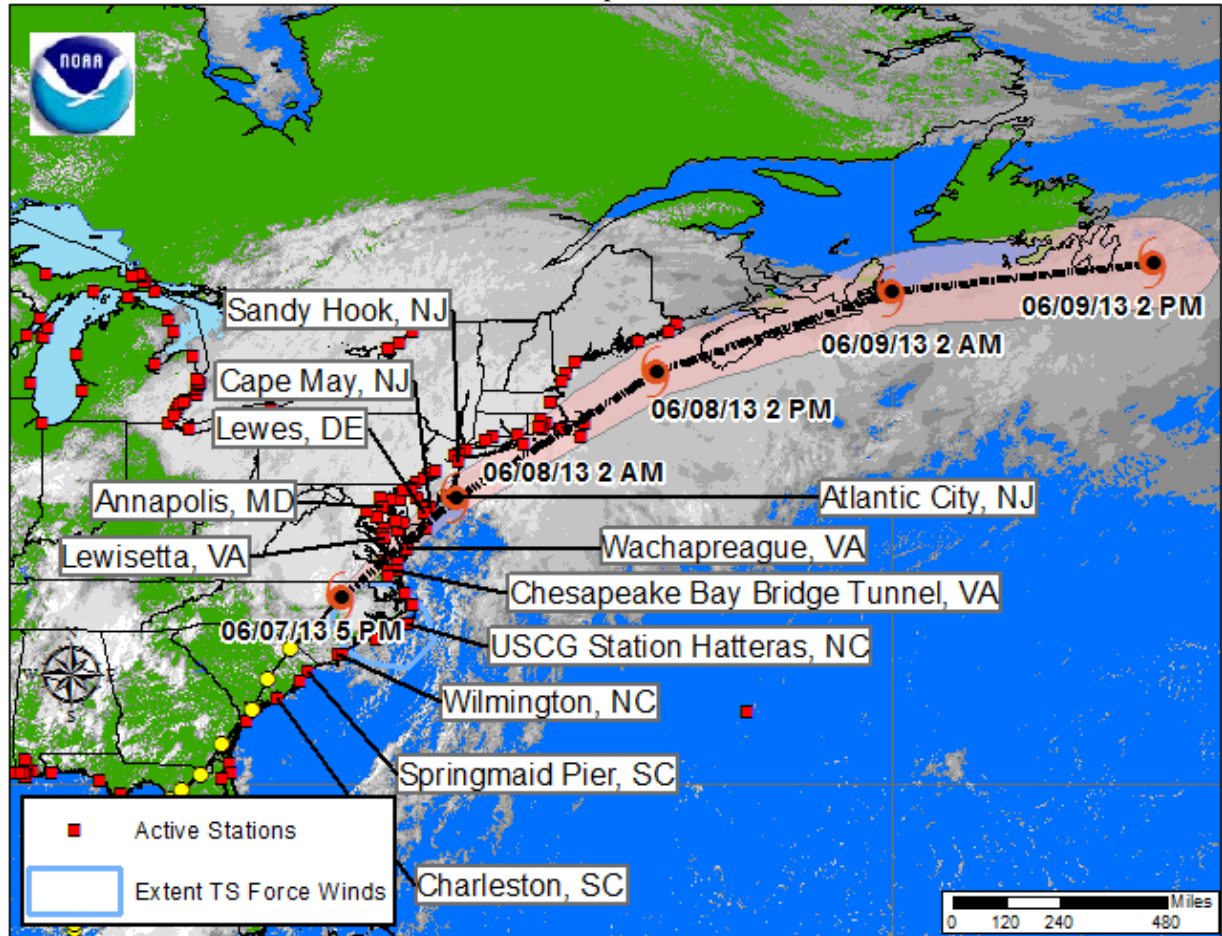




Post-tropical Storm ANDREA QuickLook
Posted: 18:00 EDT 06/07/2013

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

...ANDREA BECOMES POST-TROPICAL...

As of 06/07/2013 18:00 EDT, water levels along the coast of South Carolina are returning to normal or below predictions. Water levels at most locations along the East Coast from North Carolina to Sandy Hook, NJ, including the Chesapeake Bay, are slightly elevated and range between 0.1 and 1.3 feet above tidal predictions. Winds are increasing along the North Carolina and Virginia coasts and range between 20 and 25 knots, with gusts up to 35 knots. Barometric pressure started to rise in South Carolina and North Carolina. Barometric pressure is falling along the East Coast from Virginia to New Jersey.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water are:

Post-tropical Storm ANDREA QuickLook, POSTED 18:00 EDT 06/07/2013

Wilmington, NC: Next predicted high tides are 4.8 ft (1.48 m) at 06/07/2013 21:58 EDT and 4.0 ft (1.25 m) at 06/08/2013 10:15 EDT.

USCG Station Hatteras, NC: Next predicted high tides are 0.1 ft (0.03 m) at 06/07/2013 21:10 EDT and 0.0 ft (0.01 m) at 06/08/2013 09:14 EDT.

Chesapeake Bay Bridge Tunnel, VA: Next predicted high tides are 2.9 ft (0.89 m) at 06/07/2013 20:34 EDT and 2.3 ft (0.72 m) at 06/08/2013 08:57 EDT.

Lewisetta, VA: Next predicted high tides are 1.6 ft (0.49 m) at 06/08/2013 02:07 EDT and 1.3 ft (0.40 m) at 06/08/2013 14:17 EDT.

Annapolis, MD: Next predicted high tides are 1.7 ft (0.52 m) at 06/08/2013 06:02 EDT and 1.0 ft (0.32 m) at 06/08/2013 17:52 EDT.

Wachapreague, VA: Next predicted high tides are 4.8 ft (1.46 m) at 06/07/2013 20:44 EDT and 3.8 ft (1.18 m) at 06/08/2013 08:56 EDT.

Lewes, DE: Next predicted high tides are 4.8 ft (1.47 m) at 06/07/2013 20:55 EDT and 3.7 ft (1.13 m) at 06/08/2013 09:19 EDT.

Cape May, NJ: Next predicted high tides are 5.6 ft (1.70 m) at 06/07/2013 20:48 EDT and 4.4 ft (1.37 m) at 06/08/2013 09:13 EDT.

Sandy Hook, NJ: Next predicted high tides are 5.5 ft (1.67 m) at 06/07/2013 19:58 EDT and 4.6 ft (1.42 m) at 06/08/2013 08:27 EDT.

Atlantic City, NJ: Next predicted high tides are 4.8 ft (1.45 m) at 06/07/2013 19:41 EDT and 3.7 ft (1.14 m) at 06/08/2013 08:06 EDT.

Charleston, SC: Next predicted high tides are 5.9 ft (1.80 m) at 06/07/2013 20:09 EDT and 4.7 ft (1.46 m) at 06/08/2013 08:31 EDT.

Springmaid Pier, SC: Next predicted high tides are 5.6 ft (1.71 m) at 06/07/2013 19:38 EDT and 4.6 ft (1.41 m) at 06/08/2013 08:04 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:KG

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

BULLETIN

POST-TROPICAL CYCLONE ANDREA ADVISORY NUMBER 9
500 PM EDT FRI JUN 07 2013

...ANDREA BECOMES POST-TROPICAL...

...NHC ADVISORIES WILL CONTINUE...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

THE TROPICAL STORM WARNING HAS BEEN DISCONTINUED SOUTH OF SURF CITY NORTH CAROLINA.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

- * SURF CITY NORTH CAROLINA TO CAPE CHARLES LIGHT VIRGINIA
- * PAMLICO AND ALBEMARLE SOUNDS
- * LOWER CHESAPEAKE BAY SOUTH OF NEW POINT COMFORT

GALE CONDITIONS ARE EXPECTED NEAR PORTIONS OF THE U.S. EAST COAST FROM THE DELMARVA PENINSULA NORTHWARD TO SOUTHERN NEW JERSEY...AS WELL AS COASTAL RHODE ISLAND AND SOUTHEASTERN MASSACHUSETTS. A HIGH WIND ADVISORY IS IN EFFECT FOR NANTUCKET MASSACHUSETTS.

FOR ADDITIONAL INFORMATION...INCLUDING OTHER INLAND WATCHES AND WARNINGS... PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE AT WEATHER.GOV.

DISCUSSION AND 48-HOUR OUTLOOK

AT 500 PM EDT...THE CENTER OF POST-TROPICAL CYCLONE ANDREA WAS LOCATED NEAR LATITUDE 36.1 NORTH...LONGITUDE 77.8 WEST.
ANDREA IS MOVING TOWARD THE NORTHEAST NEAR 28 MPH...AND THIS GENERAL MOTION WITH AN INCREASE IN FORWARD SPEED IS EXPECTED THROUGH SATURDAY. A TURN TOWARD THE EAST-NORTHEAST AND EAST SHOULD OCCUR SATURDAY NIGHT AND SUNDAY. ON THE FORECAST TRACK...THE CENTER OF ANDREA WILL MOVE NORTHEASTWARD NEAR THE U.S. EAST COAST THROUGH SATURDAY...AND ACROSS ATLANTIC CANADA LATE SATURDAY THROUGH SUNDAY.

MAXIMUM SUSTAINED WINDS REMAIN NEAR 45 MPH...WITH HIGHER GUSTS... MAINLY OVER THE ATLANTIC WELL TO THE EAST OF THE CENTER.
LITTLE CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 48 HOURS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 230 MILES TO THE EAST OF THE CENTER. A WEATHERFLOW STATION IN THE MIDDLE OF PAMLICO SOUND RECENTLY REPORTED A SUSTAINED WIND OF 43 MPH... AND A WIND GUST TO 53 MPH.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 996 MB...29.41 INCHES.

HAZARDS AFFECTING LAND

RAINFALL...ANDREA IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 2 TO 4 INCHES FROM CENTRAL NORTH CAROLINA NORTHEASTWARD ALONG THE EASTERN SEABOARD INTO COASTAL MAINE.

STORM SURGE...LOCALIZED COASTAL FLOODING IS POSSIBLE ALONG PORTIONS OF THE U.S. EAST COAST FROM NORTH CAROLINA TO NEW ENGLAND.

WIND...TROPICAL STORM CONDITIONS WILL CONTINUE TO SPREAD NORTHEASTWARD ALONG THE COASTS OF NORTH CAROLINA AND SOUTHEASTERN VIRGINIA WITHIN THE WARNING AREA THROUGH THIS EVENING. WINDS NEAR GALE FORCE ARE POSSIBLE ELSEWHERE ALONG THE COAST FROM VIRGINIA TO ATLANTIC CANADA TONIGHT THROUGH SUNDAY.

TORNADOES...A FEW TORNADOES ARE POSSIBLE OVER NORTHEASTERN NORTH CAROLINA... SOUTHEASTERN VIRGINIA...AND SOUTHEASTERN MARYLAND.

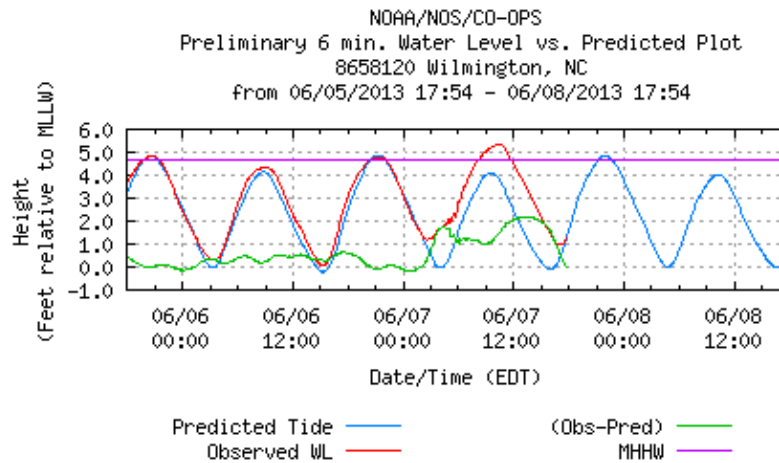
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FORECASTER BERG/BEVEN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

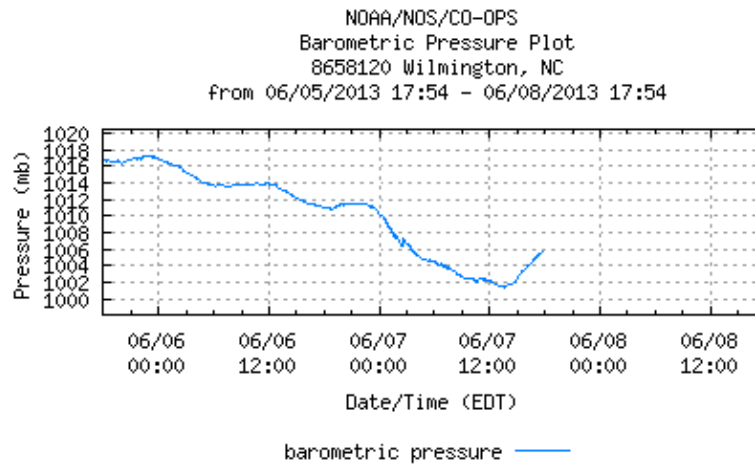
Jump to: [Wilmington - Water Level](#), [Wilmington - Barometric](#), [USCG Station Hatteras - Water Level](#), [USCG Station Hatteras - Winds](#), [USCG Station Hatteras - Barometric](#), [Chesapeake Bay Bridge Tunnel - Water Level](#), [Chesapeake Bay Bridge Tunnel - Winds](#), [Chesapeake Bay Bridge Tunnel - Barometric](#), [Lewisetta - Water Level](#), [Lewisetta - Barometric](#), [Annapolis - Water Level](#), [Annapolis - Barometric](#), [Wachapreague - Water Level](#), [Wachapreague - Winds](#), [Lewes - Water Level](#), [Lewes - Winds](#), [Cape May - Water Level](#), [Cape May - Winds](#), [Sandy Hook - Water Level](#), [Atlantic City - Water Level](#), [Atlantic City - Barometric](#), [Atlantic City - Air/Water Temp](#), [Charleston - Water Level](#), [Charleston - Winds](#), [Charleston - Barometric](#), [Springmaid Pier - Water Level](#), [Springmaid Pier - Winds](#), [Springmaid Pier - Barometric](#)

Wilmington, NC - Return to List



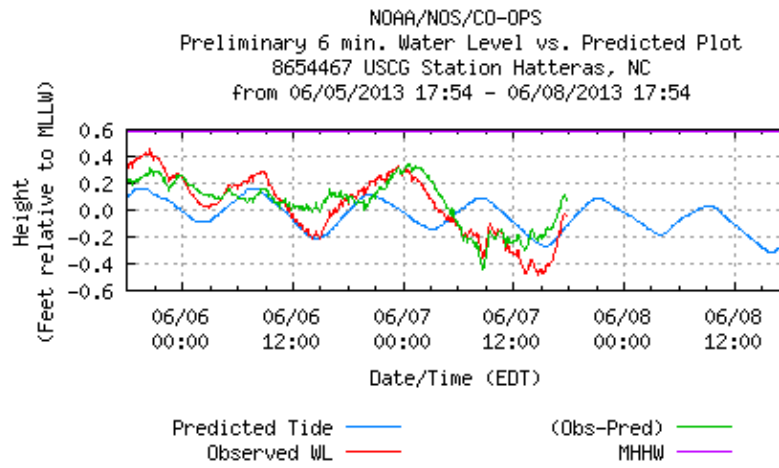
Last Observed Sample: 06/07/2013 17:48 (EDT)
Relative to MLLW: **Observed: 1.35 ft. Predicted: 1.34 ft. Residual: 0.01 ft.**
Historical Maximum Water Level: Oct 15 1954, 8.15 ft. above MLLW

Wilmington, NC - Return to List



Last Observed Sample: 06/07/2013 17:48 (EDT)
Barometric Pressure: 1006.0 mb

USCG Station Hatteras, NC - Return to List

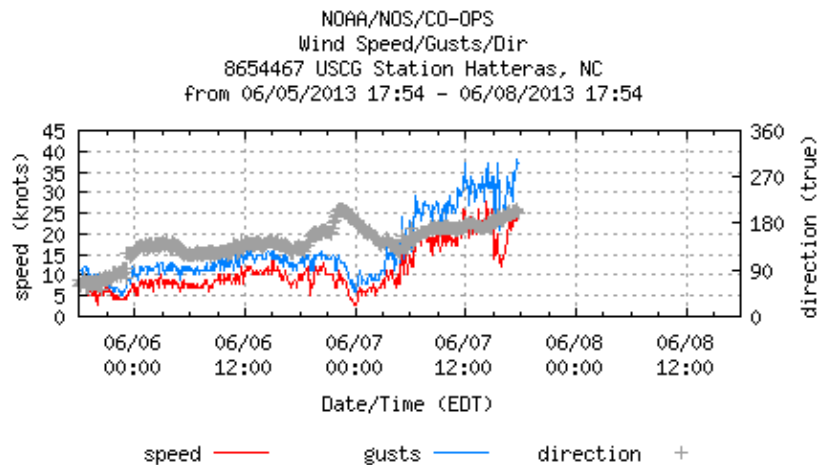


Last Observed Sample: 06/07/2013 17:42 (EDT)

Relative to MLLW: **Observed: -0.05 ft.** **Predicted: -0.12 ft.** **Residual: 0.07 ft.**

Historical Maximum Water Level: Oct 29 2012, 4.73 ft. above MLLW

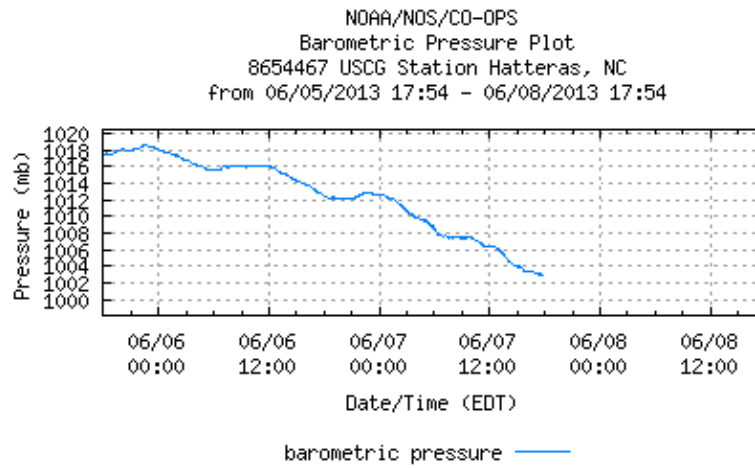
USCG Station Hatteras, NC - Return to List



Last Observed Sample: 06/07/2013 17:42 (EDT)

Wind Speed: 24 knots **Gusts: 37 knots** **Direction: 202° T**

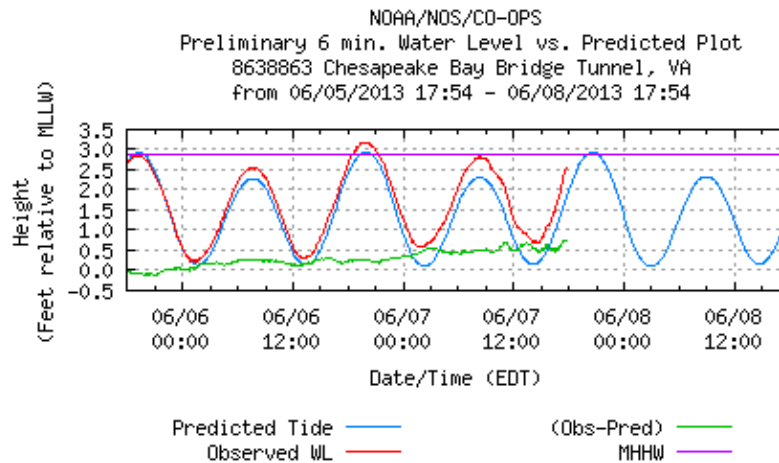
USCG Station Hatteras, NC - Return to List



Last Observed Sample: 06/07/2013 17:42 (EDT)

Barometric Pressure: 1002.9 mb

Chesapeake Bay Bridge Tunnel, VA - Return to List

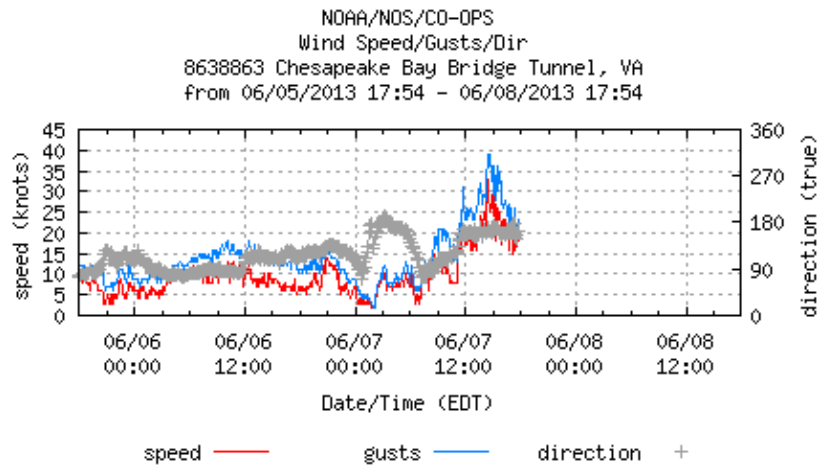


Last Observed Sample: 06/07/2013 17:42 (EDT)

Relative to MLLW: Observed: 2.54 ft. Predicted: 1.79 ft. Residual: 0.75 ft.

Historical Maximum Water Level: Nov 12 2009, 7.56 ft. above MLLW

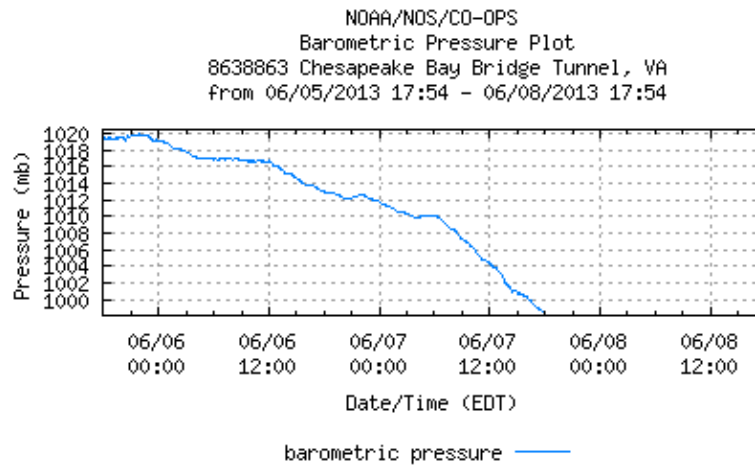
Chesapeake Bay Bridge Tunnel, VA - Return to List



Last Observed Sample: 06/07/2013 17:42 (EDT)

Wind Speed: 18 knots Gusts: 23 knots Direction: 163° T

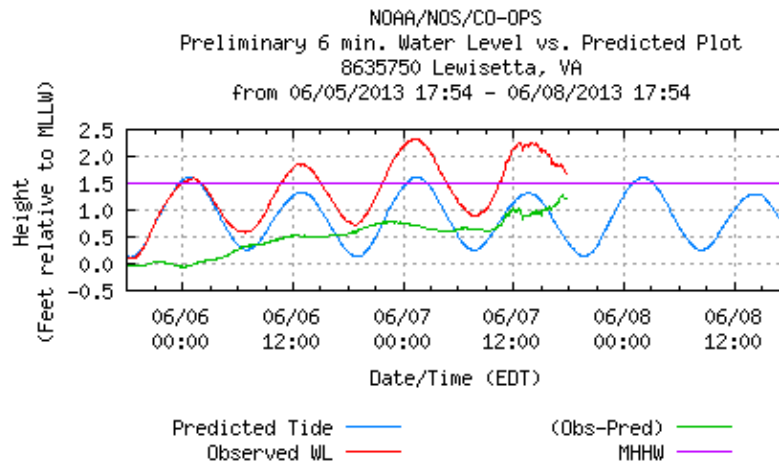
Chesapeake Bay Bridge Tunnel, VA - Return to List



Last Observed Sample: 06/07/2013 17:42 (EDT)

Barometric Pressure: 998.6 mb

Lewisetta, VA - Return to List

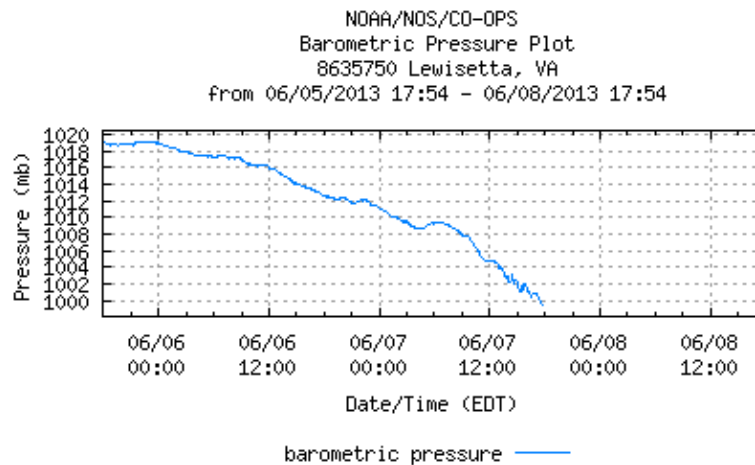


Last Observed Sample: 06/07/2013 17:42 (EDT)

Relative to MLLW: **Observed: 1.67 ft.** **Predicted: 0.44 ft.** **Residual: 1.23 ft.**

Historical Maximum Water Level: Sep 1 2006, 5.65 ft. above MLLW

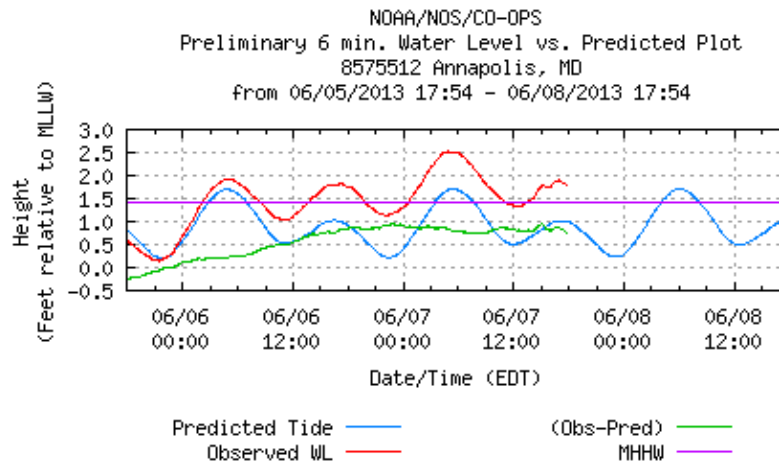
Lewisetta, VA - Return to List



Last Observed Sample: 06/07/2013 17:42 (EDT)

Barometric Pressure: 999.6 mb

Annapolis, MD - Return to List

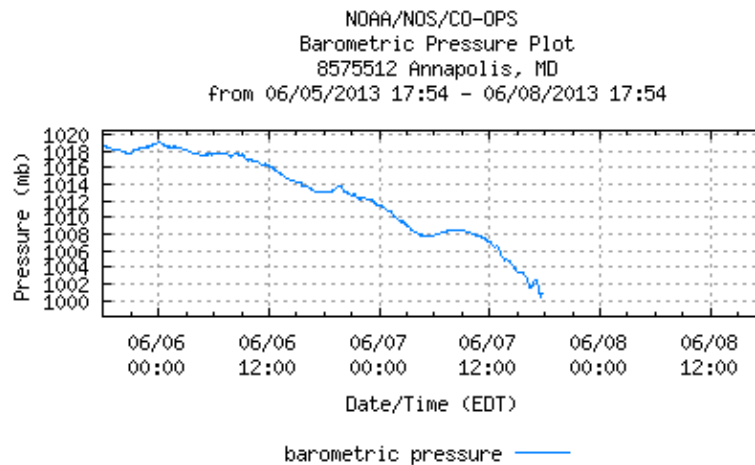


Last Observed Sample: 06/07/2013 17:48 (EDT)

Relative to MLLW: **Observed: 1.77 ft.** **Predicted: 1.00 ft.** **Residual: 0.77 ft.**

Historical Maximum Water Level: Sep 19 2003, 7.16 ft. above MLLW

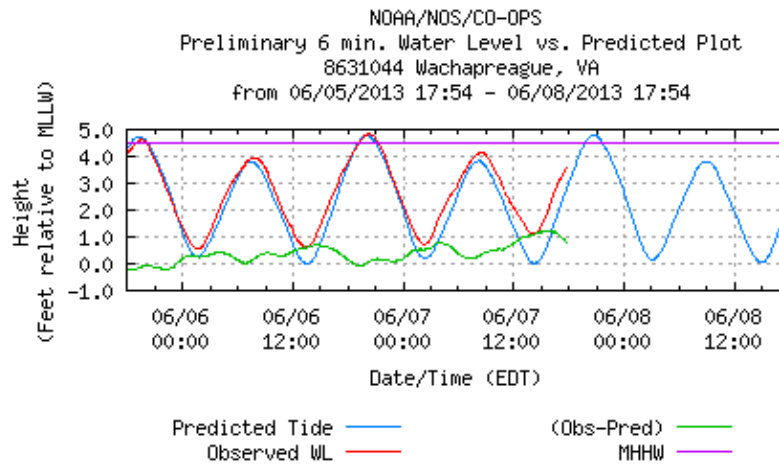
Annapolis, MD - Return to List



Last Observed Sample: 06/07/2013 17:48 (EDT)

Barometric Pressure: 1000.8 mb

Wachapreague, VA - Return to List

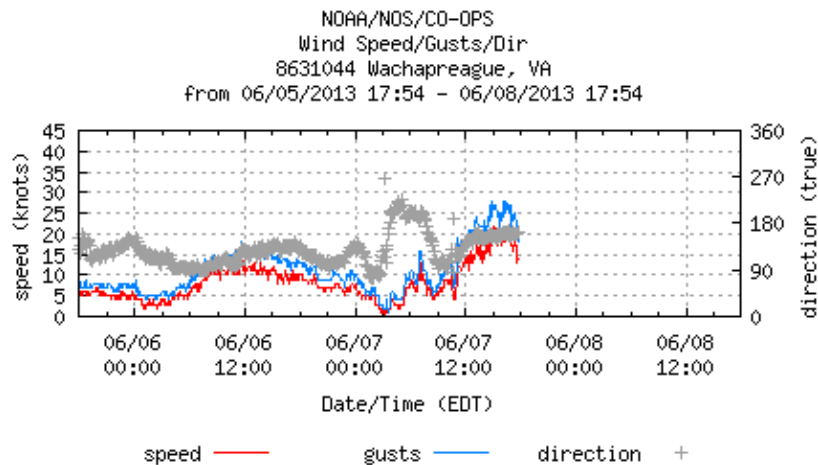


Last Observed Sample: 06/07/2013 17:48 (EDT)

Relative to MLLW: **Observed: 3.55 ft.** **Predicted: 2.74 ft.** **Residual: 0.81 ft.**

Historical Maximum Water Level: Feb 5 1998, 8.92 ft. above MLLW

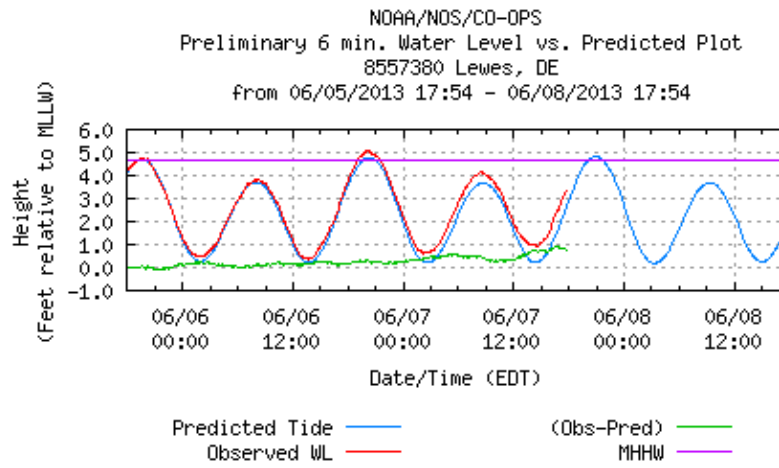
Wachapreague, VA - Return to List



Last Observed Sample: 06/07/2013 17:48 (EDT)

Wind Speed: 14 knots **Gusts: 18 knots** **Direction: 163° T**

Lewes, DE - Return to List

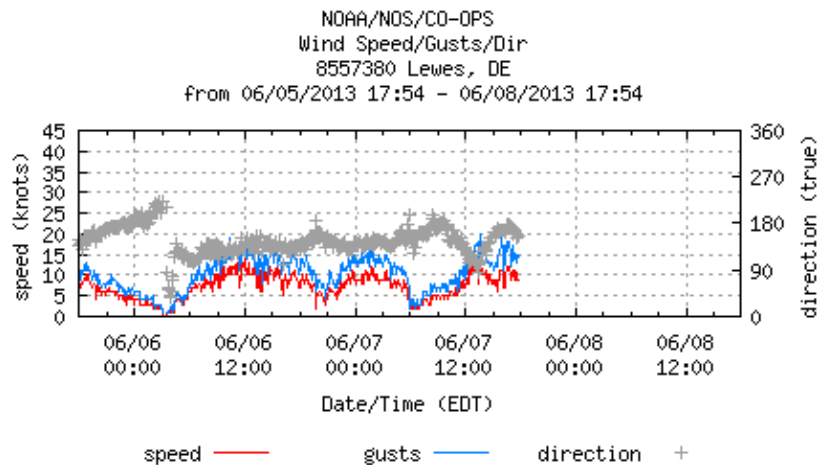


Last Observed Sample: 06/07/2013 17:42 (EDT)

Relative to MLLW: **Observed: 3.34 ft.** **Predicted: 2.58 ft.** **Residual: 0.76 ft.**

Historical Maximum Water Level: Mar 6 1962, 9.22 ft. above MLLW

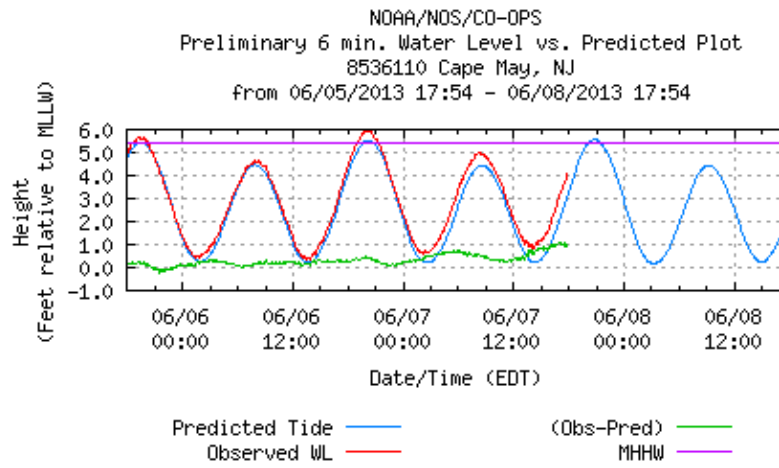
Lewes, DE - Return to List



Last Observed Sample: 06/07/2013 17:42 (EDT)

Wind Speed: 9 knots **Gusts: 15 knots** **Direction: 156° T**

Cape May, NJ - Return to List

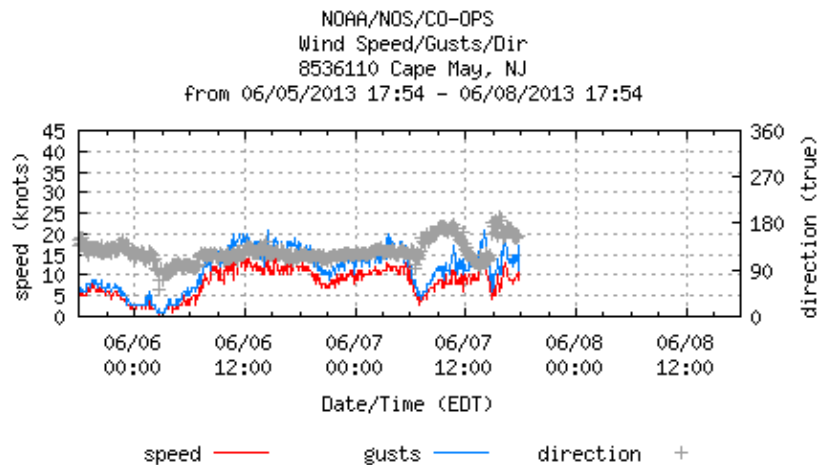


Last Observed Sample: 06/07/2013 17:48 (EDT)

Relative to MLLW: **Observed: 4.05 ft.** **Predicted: 3.04 ft.** **Residual: 1.01 ft.**

Historical Maximum Water Level: Oct 29 2012, 8.89 ft. above MLLW

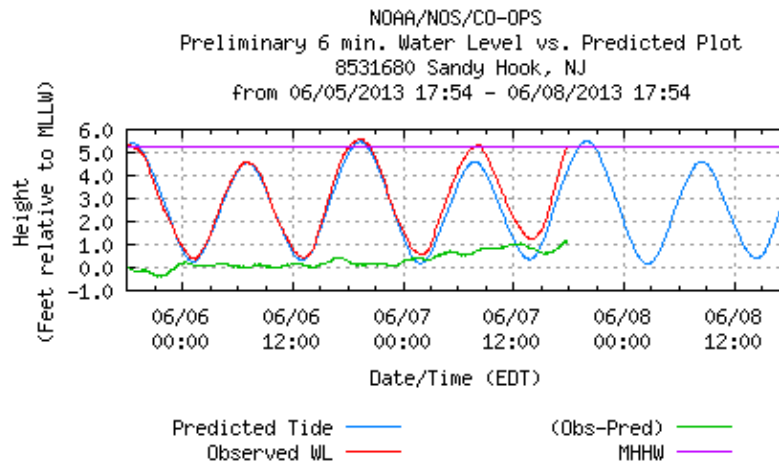
Cape May, NJ - Return to List



Last Observed Sample: 06/07/2013 17:48 (EDT)

Wind Speed: 12 knots **Gusts: 17 knots** **Direction: 155° T**

Sandy Hook, NJ - Return to List

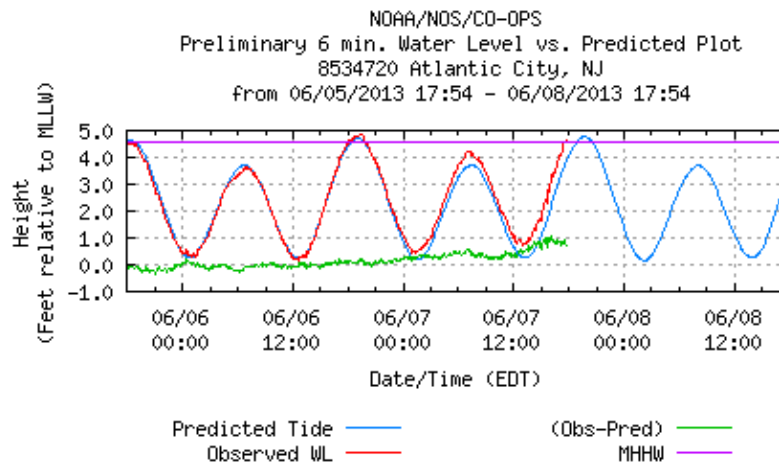


Last Observed Sample: 06/07/2013 17:48 (EDT)

Relative to MLLW: **Observed: 5.29 ft.** **Predicted: 4.17 ft.** **Residual: 1.12 ft.**

Historical Maximum Water Level: Sep 12 1960, 10.09 ft. above MLLW

Atlantic City, NJ - Return to List

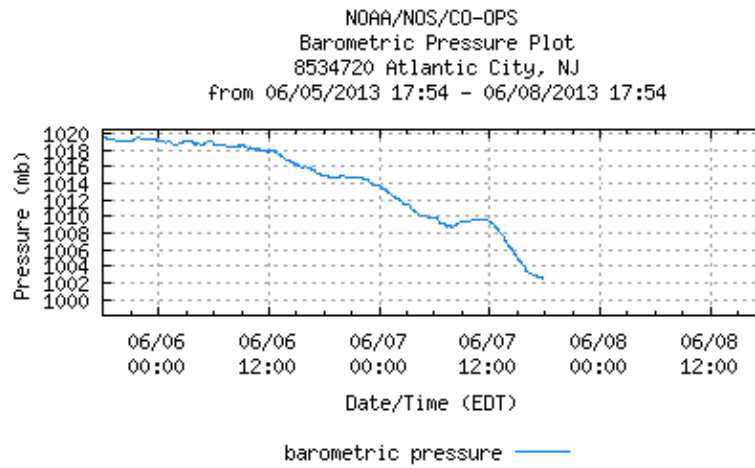


Last Observed Sample: 06/07/2013 17:48 (EDT)

Relative to MLLW: **Observed: 4.63 ft.** **Predicted: 3.92 ft.** **Residual: 0.71 ft.**

Historical Maximum Water Level: Dec 11 1992, 8.98 ft. above MLLW

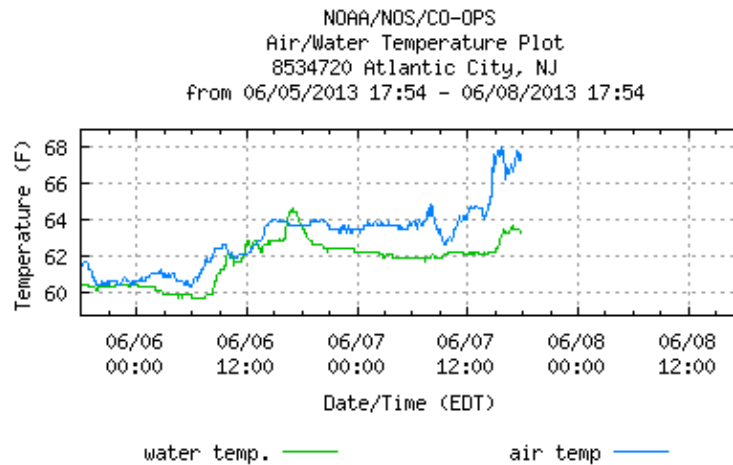
[Atlantic City, NJ - Return to List](#)



Last Observed Sample: 06/07/2013 17:48 (EDT)

Barometric Pressure: 1002.6 mb

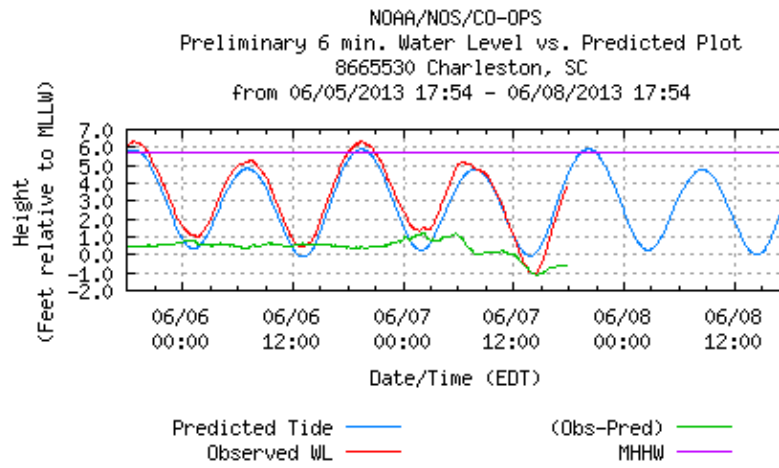
[Atlantic City, NJ - Return to List](#)



Last Observed Sample: 06/07/2013 17:48 (EDT)

Water Temperature: 63.3° F Air Temperature: 67.6° F

Charleston, SC - Return to List

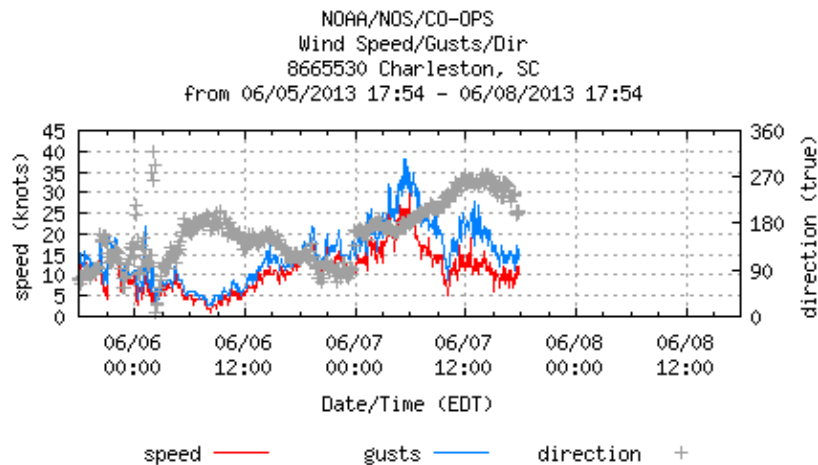


Last Observed Sample: 06/07/2013 17:48 (EDT)

Relative to MLLW: **Observed: 3.78 ft.** **Predicted: 4.39 ft.** **Residual: -0.61 ft.**

Historical Maximum Water Level: Sep 21 1989, 12.52 ft. above MLLW

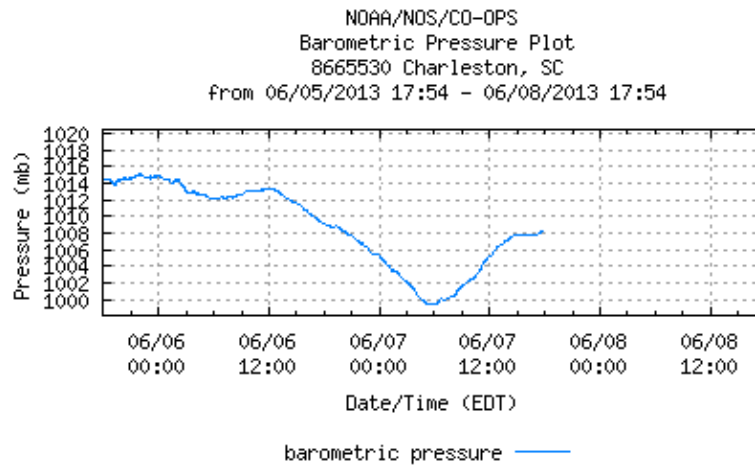
Charleston, SC - Return to List



Last Observed Sample: 06/07/2013 17:48 (EDT)

Wind Speed: 10 knots **Gusts: 14 knots** **Direction: 205° T**

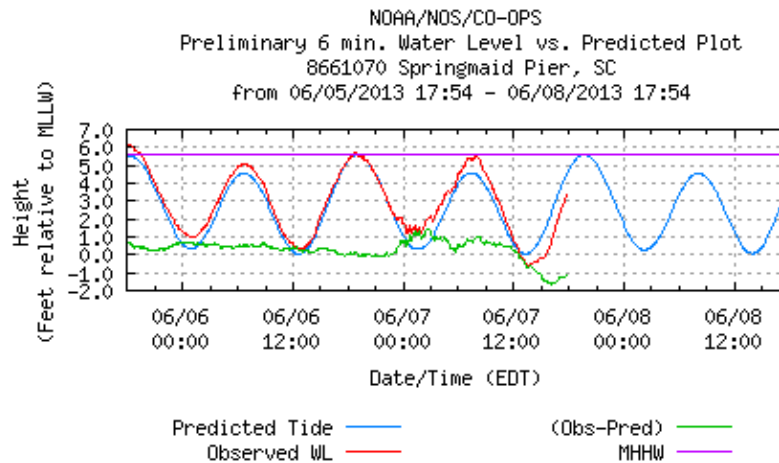
Charleston, SC - Return to List



Last Observed Sample: 06/07/2013 17:48 (EDT)

Barometric Pressure: 1008.3 mb

Springmaid Pier, SC - Return to List

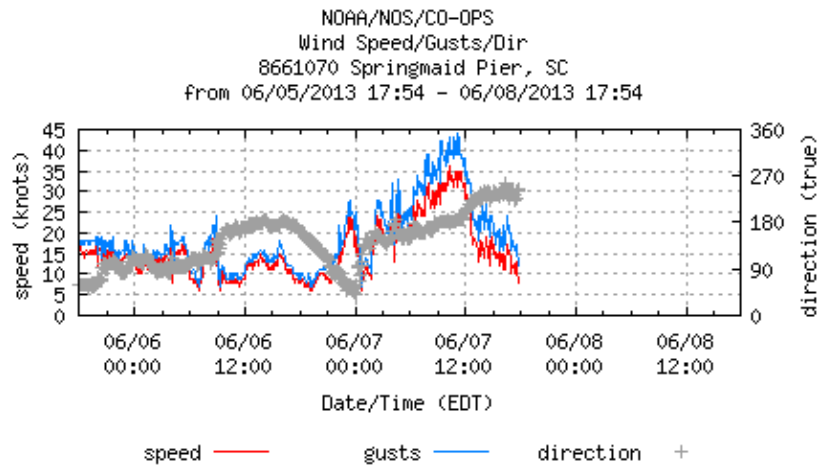


Last Observed Sample: 06/07/2013 17:48 (EDT)

Relative to MLLW: **Observed: 3.41 ft.** **Predicted: 4.54 ft.** **Residual: -1.13 ft.**

Historical Maximum Water Level: Jan 1 1987, 9.25 ft. above MLLW

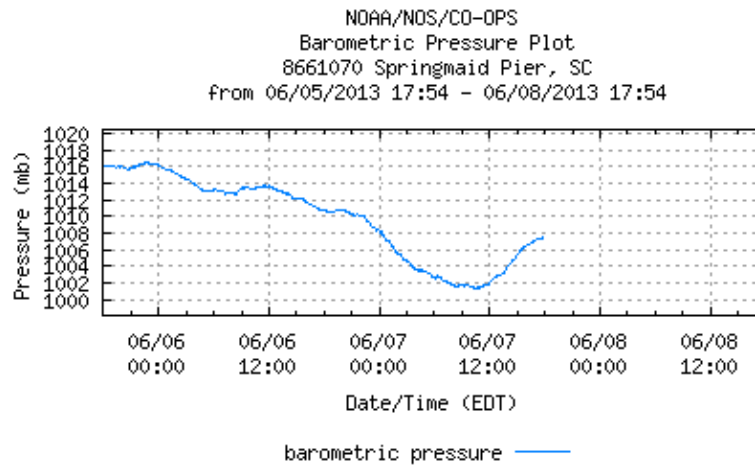
Springmaid Pier, SC - Return to List



Last Observed Sample: 06/07/2013 17:48 (EDT)

Wind Speed: 9 knots Gusts: 12 knots Direction: 241° T

Springmaid Pier, SC - Return to List



Last Observed Sample: 06/07/2013 17:48 (EDT)

Barometric Pressure: 1007.5 mb